# Department of Defense Partners in Flight

Conserving birds and their habitats on Department of Defense lands

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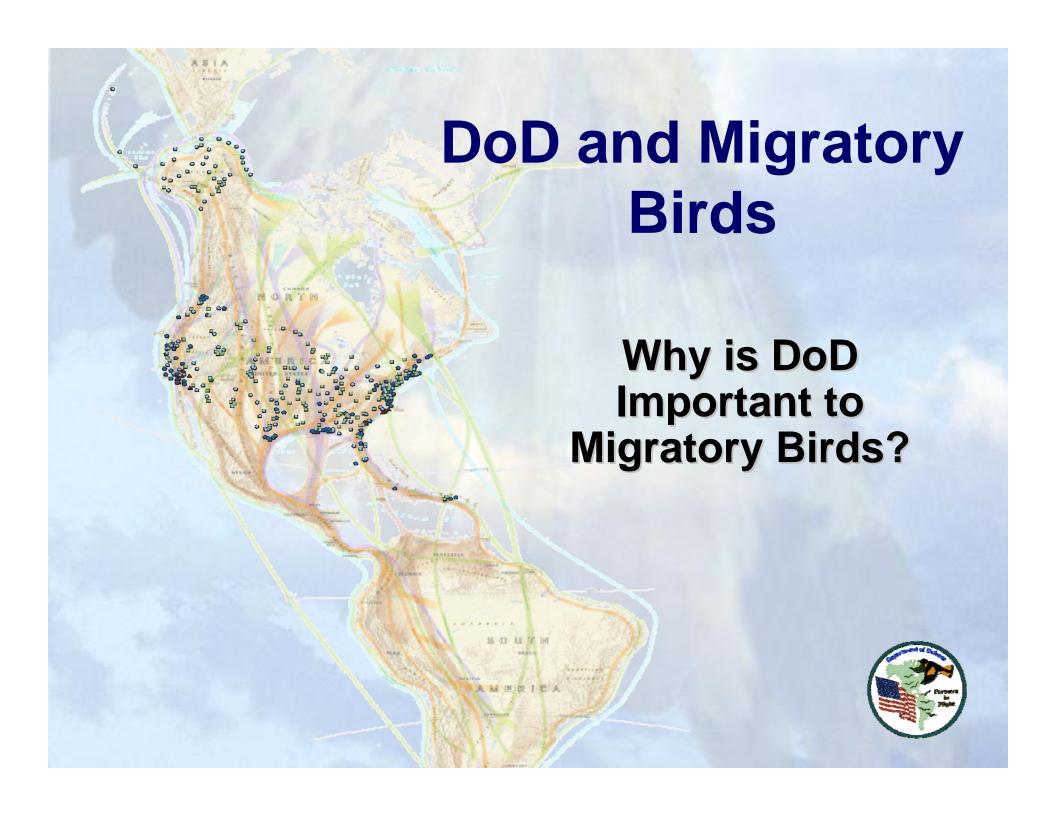
DoD Conservation Conference Savannah GA, 24 August 2004



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DEPARTMENT OF DEFENSE

# PARTNERS 1NC1-11 STRATEGIC

THE CONSERVATION AND MANAGEMENT
OF MIGRATORY AND RESIDENT LANDBIRDS
AND THEIR HABITATS ON
DEPARTMENT OF DEFENSE LANDS



PLAN



## **Conservation Priorities**

**DoD Partners in Flight** 

- Monitoring
  - Radar ornithology
  - MAPS
  - Satellite and remote tracking
  - Remote acoustic monitoring
- BASH
- Grasslands
- Invasive & nuisance species
- International conservation







Department of Defense Partners in Flight

Fact Sheet #1 November 2003

#### Department of Defense Partners in Flight Program

#### Mission

To conserve migratory and resident birds and their habitats on Department of Defense lands.



The Strategic Plan can be found at www.dodpif.org, or through the contact information on next page.

#### Important Bird Areas

DoD lands benefit priority bird species

#### What is an Important Bird Area?

Some places are exceptionally important even essential - for bird conservation. Directing protection and management efforts towards these sites is crucial if viable populations of many species are to persist in the long-term. Conservationists identify and formally recognize these significance.

Important Bird Areas (IBA) are sites that are significant because they hold large concentrations or an exceptional diversity of birds, harbor rare or endangered species, or contain unique or threatened habitat. The IBA program is founded on the premise that identifying and conserving key habitat areas for bird populations is essential to bird conservation efforts. The program's goal is to identify and protect a network of sites around the world to help maintain naturally occurring bird populations. Specifically, IBA recognition means that a site provides essential habitat to breeding or non-breeding birds. While IBA sites vary in size, most are discrete and distinguishable from surrounding areas in character, habitat, or ornithological importance. It is important to note that there are no legal or management requirements imposed on sites identified as Important Bird Areas.

#### History of the IBA Program in the US

From its start in Europe in the 1980s by BirdLife International, the IBA concept has led to the recognition of more than 7,000 sites worldwide. The IBA Program was launched in the U.S. in 1995 by BirdLife partner designate American Bird Conservancy (ABC), which has identified and documented those sites of significance on a global level throughout all 50 states. The National Audubon Society (Audubon) initiated a state-based IBA program that criteria.

same year in partnership with ABC, and has been building programs state by state. As of 2004, Audubon was operating IBA programs in 46 states. Today, ABC continues its IBA program for sites of global significance, but Audubon is now the BirdLife partner designate in the U.S., have long understood this fact, but only in and is expanding its IBA program to recent years has a program emerged to include sites of global and continental



Fort Riley's (KS) 50,000 acres of native tallgrass prairie is the largest remaining contiguous habitat of this type in North America. Photo: Chris Eberly

Generally, for a site to qualify as a global or continental IBA, it must, during at least some part of the year, contain habitat that supports: (1) significant numbers of a species of global conservation concern, such as Piping Plover, Kirtland's Warbler or Red-cockaded Woodpecker; (2) a species with a restricted range, such as Yellow-billed Magpie, Tricolored Blackbird or Brown-capped Rosy-Finch; (3) a species that is vulnerable because its populations are concentrated in one general habitat type or biome, such as Pinyon Jay, Brewer's Sparrow, or Oak Titmouse; or (4) a significantly large concentration of breeding, migrating or wintering birds, including waterfowl, seabirds, wading birds, raptors or landbirds. Continental and state level criteria scale down from the global

#### Military Lands as IBAs

Some Department of Defense (DoD) lands, including military installations and Army Corps of Engineers projects, have been identified as IBAs. In general, an IBA should exist as an actual or potential protected area, or should have the potential to be managed in some way for birds and general nature conservation. Military installations, through their Integrated Natural Resources Management Plans (INRMP) and Sikes Act compliance, manage their lands in ways that benefit native bird populations. Many Corps project sites also implement comprehensive management plans that enhance bird habitat. While IBAs have no minimum or maximum size, they should be large enough to supply all or most of the requirements of the bird(s) during the season for which they are important. DoD lands identified as IBAs also satisfy this need. To that end, the DoD PIF program endorses IBAs on military and Corps of Engineers lands, where appropriate.

#### Why are IBAs on DoD Lands Good?

Ultimately, by identifying high quality habitats and recognizing them as being important for birds, the IBA Program seeks to mobilize the resources needed to protect these areas by raising public awareness of their significance. With over 71 million Americans who watch and/or feed birds, the public is a powerful constituency for bird conservation. An important distinction should also be made that an IBA is not necessarily an important birding area. An IBA exists for birds, not for bird watchers. IBAs can include Watchable Wildlife opportunities, but only if such



Henslow's Sparrow, a Watch List species. thrives on U.S. military installations. Photo: Teresa Vanosdol

opportunities do not compromise the military mission or continued conservation actions. On military lands, IBAs can be an effective tool to engage adjoining landowners in landscape level conservation planning. Sometimes, it is the training mission itself that creates and sustains quality habitat. IBA recognition is thus an important tool to educate the public that while DoD lands are managed to support the military's training mission, they also provide significant habitat for the conservation of natural resources, including birds. When a conservation plan is desired for a network of IBAs. INRMPs and Corps comprehensive management plans already provide the necessary information; no additional management planning is required.



Vandenberg Air Force Base provides undisturbed beaches for nesting, wintering, and migrating shorebirds and waterbirds. Photo: Chris Eberly

#### **Nomination Process**

Any military installation or Army Corps of Engineers project is eligible to be nominated as an IBA if it potentially meets IBA criteria. Once a site is nominated, the appropriate organization reviews the nomination. If it meets the criteria, the site is identified as an IBA. Once a site has been identified, official recognition as an IBA via a ceremony or other public outreach method may take place at the discretion of the installation. A Memorandum of Understanding with American Bird Conservancy and National Audubon Society outlines the expected procedures to be followed for the IBA process on DoD lands. DoD sites recognized as IBAs may receive a certificate and sign.



Western Snowy Ployers breed and winter on military lands in coastal California. Photo: Michael Stubblefield

Identification of DoD lands as Important Bird Areas is recognition from an outside organization (American Bird Conservancy, National Audubon Society, or both) of the excellent stewardship that benefits resident and migratory birds and their habitats. Identification and/or recognition as an IBA entails no legal or management requirements. In addition, public access is not linked in any way to IBA status. Public bird watching opportunities exist independently; some IBAs will not be open for public access, and many sites with public birding will not qualify as IBAs. Regardless of public access, IBA status is public recognition of which to be proud.









#### For more information:

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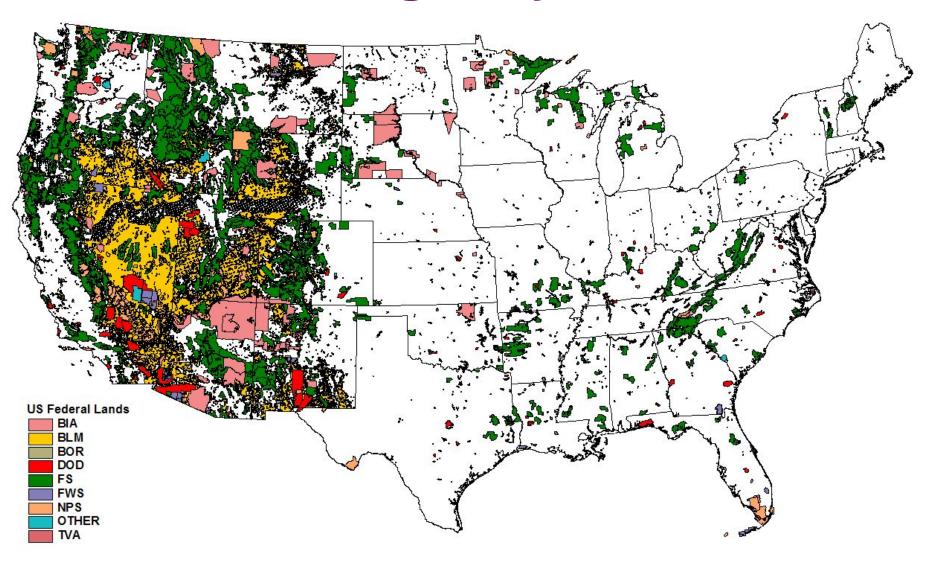
**Partners** in Flight

- Federal Agencies
  - USFWS, USFS, NPS, BLM, BOR
- Non-governmental Organizations
  - TNC, American Bird Conservancy, Audubon





## Federal Agency Lands



**Legacy 2005 Areas of Emphasis** 

- Program Management
- National and International Initiatives
- Monitoring & Predicting Migratory
   Patterns of Birds & Animals
- Integrated Natural Resources
   Management





**SERDP FY2005 Statements of Need** 

- "Development of an Advanced
   Monitoring Strategy for Migratory Birds
   on Military Lands"
- "Improved Remote Sensing Technologies for Detection of Threatened and Endangered Species and their Habitat"











**Cooperative Ecosystems Studies Unit** 

## Burrowing Owls

- Breeding, wintering, movements
- TX, NM, AZ, CA
- Other CESUs, Mexico, Canada



## Hummingbird Monitoring Network

- Breeding, migratory routes
- AZ, CA, NM, BC

Desert Southwest Cooperative Ecosystem Studies Unit



**The Nature Conservancy** 

### Conservation easements

- Protect the mission
- Protect biodiversity
- Protect adjacent landowners
- Ecoregional planning
  - Priority species assessment
  - Identify important habitats





## **Bird Species of Concern**

#### INRMP

- Integrated management document

#### USFWS

- Birds of Conservation Concern 2002
- Species for DoD management action
- MOU (EO 13186) non-readiness
- Migratory Bird Rule readiness

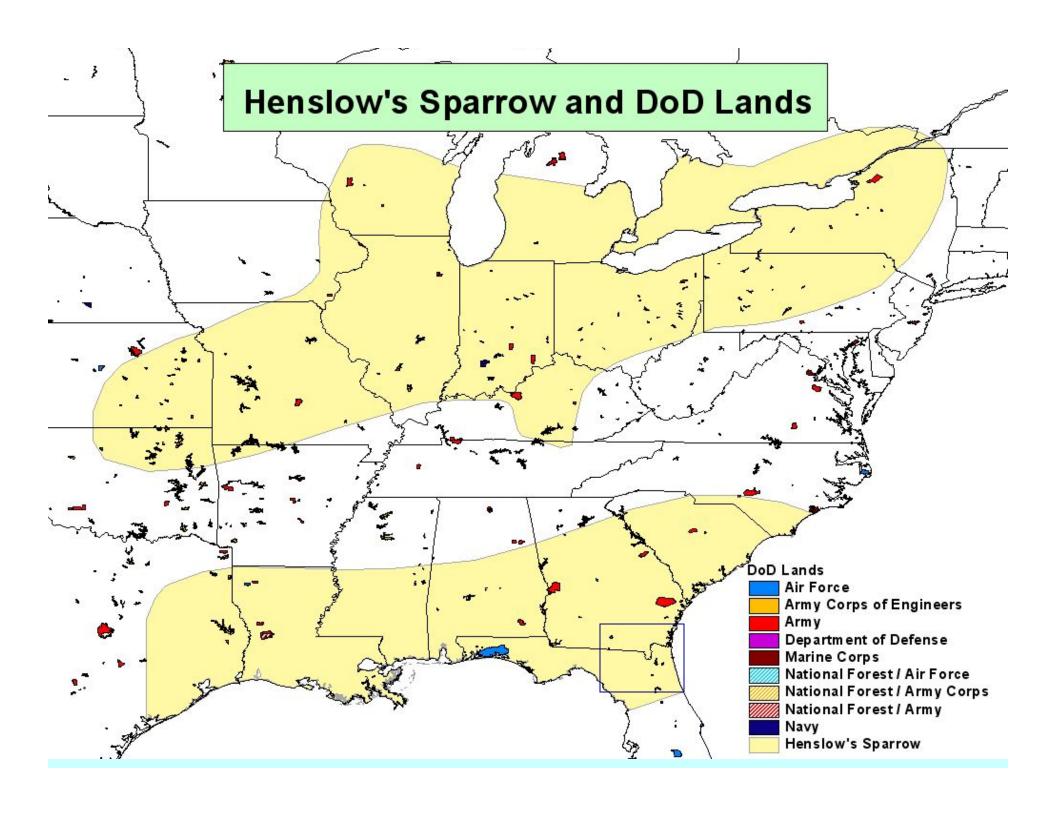


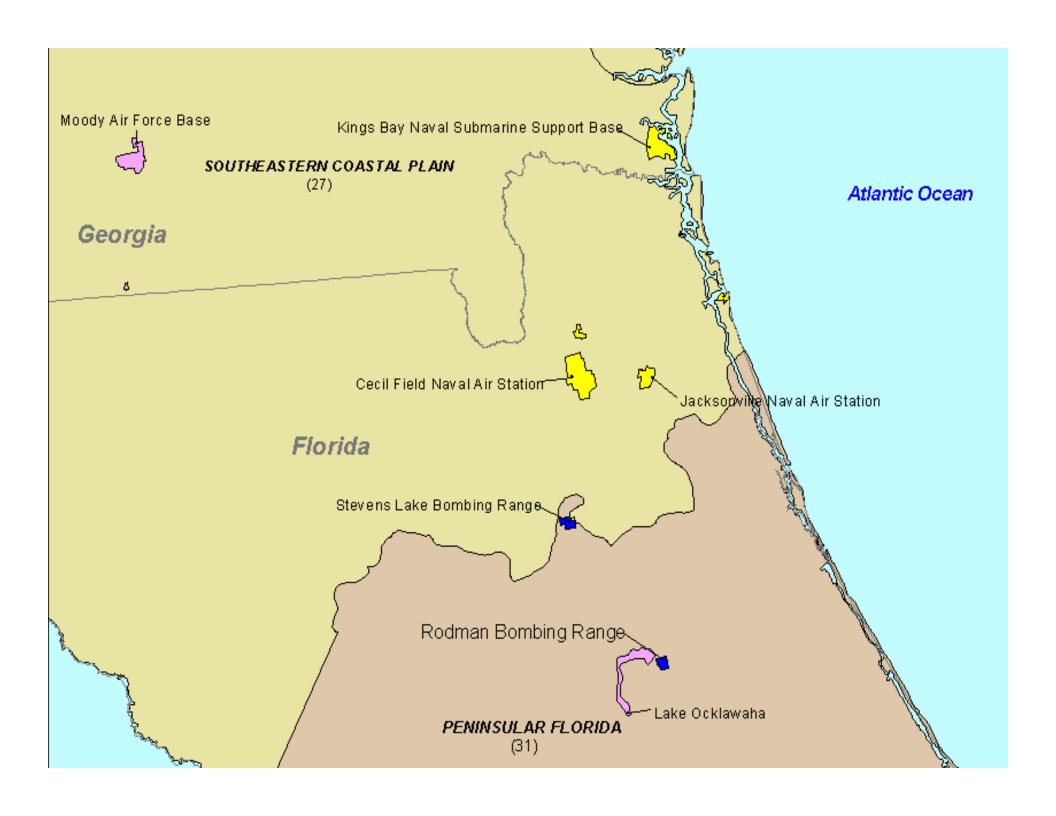
**US Fish & Wildlife Service** 

- DoD species of concern matrix
  - Birds of Conservation Concern 2002
  - Bird initiative priority species
    - Landbirds, waterbirds, shorebirds, waterfowl
  - Game birds
  - **T&E**
- AEC, States, TNC









**DoD Services and Installations** 

- INRMP process
  - USFWS, States
  - Compliance and Stewardship
    - Game birds, T&E, species of concern
- Funding
  - Coordinated monitoring
  - Regional assessment















## **Important Bird Areas**

4th IBA Conference, Sierra Vista AZ

- Partnering with Federal Agencies
  - Joint presentation
  - Discussion groups
  - Guidance document



"Fort Huachuca is a very good example of an agency that has a mission, but it's allowing for multiple uses by engaging the birding public, while focusing attention on bird conservation."

- John Cecil, IBA Program Director, Audubon



#### **TECHNICAL WORKING GROUPS**

#### MONITORING

#### **ISSUES AND CHALLENGES**

Avian monitoring projects on DoD lands typically occur on an as-needed basis. To facilitate sharing of data among our partners, we use existing protocols appropriate for the intended objective of the monitoring project. The Integrated Training Area Management program includes a protocol, Land Condition Trend Analysis (LCTA), which currently provides non-standardized avian monitoring data. DoD PIF will work with the Army to incorporate standard monitoring protocols into LCTA, making Army data compatible with the National Point Count Database and other sources. DoD PIF also supports the process of developing standardized regional and national monitoring strategies for various bird taxa and contributes DoD survey data to existing databases.



Proper management of natural resources cannot be accomplished without baseline knowledge of the habitats managed by DoD. We help identify DoD lands that lack baseline surveys of bird populations and document sites that satisfy criteria for identification as Important Bird Areas or potential core bird conservation areas. A key monitoring program used on DoD lands is Monitoring Avian Productivity and Survivorship (MAPS; see page 31), which provides specific habitat based management recommendations.

#### DOD PRIORITIES



- Identify installations lacking baseline avian surveys, and other monitoring needs
- Review and revise LCTA to include use of standard avian survey protocols
- Support MAPS program on DoD lands
- Contribute data to and utilize resources in the National Point Count Database
- Communicate and coordinate with adjoining landowner partners to coordinate monitoring efforts, where appropriate



## Monitoring Dod PIF Priorities

- Baseline avian surveys
- LCTA
- Support MAPS stations
- National Point Count DB
- Coordinated bird monitoring



## **Monitoring Strategy**

- Coordinated bird monitoring
  - Current status / Mgmt questions
  - Tools and protocols
  - Partnerships
- Funding
  - SERDP
  - Legacy
  - Services, Installations



